

AFPC Rock Check Program

Sample No. 2015-02

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	29	1.23	0.097
Other (describe)	102			
Method Group 100		29	1.23	0.10
P₂O₅				
Gravimetric AFPC IX.3.B	201	3	29.56	0.071
ICP-induced coupled plasma AFPC IX.3.D	202	1	29.97	0.000
Photometric-AFPC IX.3.C	203	17	29.60	0.138
Automated -AOAC 978.01-15th	204	13	29.58	0.175
Other(describe)	205	1	29.58	0.000
Method Group 200		35	29.58	0.14
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.83	0.054
ICP-induced coupled plasma AFPC IX.3.D	212	1	30.33	0.000
Photometric-AFPC IX.3.C	213	10	29.97	0.127
Automated -AOAC 978.01-15th	214	13	29.96	0.187
Other(describe)	215	1	29.95	0.000
Method Group 210		27	29.95	0.16
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	3	0.59	0.078
ICP-induced coupled plasma-AFPC IX.6.C	302	28	0.59	0.266
Other(describe)	303	4	0.67	0.074
Method Group 300		35	0.60	0.27
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	0.55	0.101
ICP-induced coupled plasma-AFPC IX.7.C	402	28	0.34	0.030
Other(describe)	403	4	0.39	0.024
Method Group 400		34	0.36	0.04
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.63	0.030
ICP-induced coupled plasma-AFPC IX.8.B	502	28	0.61	0.022
Other(describe)	503	4	0.70	0.131
Method Group 500		35	0.61	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	2.12	0.410
Other(describe)	602	2	2.13	0.058
Method Group 600		22	2.12	0.41
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	16	6.47	0.382
Other(describe)	652	6	7.17	1.679
Method Group 650		22	6.50	0.54
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	20	48.26	0.749
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	48.29	0.291
EDTA Volumetric-AFPC IX.12.C	705	1	48.72	0.000
Other(describe)	706	9	48.48	0.511
Method Group 700		32	48.32	0.60
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	14	48.76	0.474
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	49.27	0.000
EDTA Volumetric-AFPC IX.12.C	715	1	49.31	0.000
Other(describe)	716	8	48.79	0.394
Method Group 710		24	48.79	0.51

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	3.48	0.108
Other (describe)	803	3	3.72	0.138
Method Group 800		24	3.49	0.21
Arsenic, As				
Atomic Absorption	911	1	9.7	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	11	16.6	1.49
Other(describe)	913	2	16.7	0.00
Method Group 900		14	16.7	1.14
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	30	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	17	37	1.5
Other(describe)	923	2	17	12.9
Method Group 910		20	37	1.8
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	1	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	13	2	2.5
Other(describe)	933	1	6	0.0
Method Group 920		15	2	2.6
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	2	0.1	0.00
Other(describe)	943	2	0.1	0.03
Method Group 930		4	0.1	0.02
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	9	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	10	8	0.7
Other(describe)	953	1	9	0.0
Method Group 940		12	8	0.9
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	21	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	16	20	1.4
Other(describe)	963	1	22	0.0
Method Group 950		18	20	1.3
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	8	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	11	2	4.0
Other(describe)	973	1	3	0.0
Method Group 960		13	3	4.0
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	10	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	3	3	0.9
Other(describe)	983	1	5	0.0
Method Group 970		5	5	1.7
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	2	384	25
ICP-induced coupled plasma-AFPC IX.16.A	992	16	316	26
Other(describe)	993	1	285	0
Method Group 980		19	316	29

101 Ground Sample AFPC IX.2.A		
Lab	%	H ₂ O
52	1.44	-2.165
75	1.37	-1.443
75	1.37	-1.392
Std Dev	1.33	-1.000
15	1.31	-0.825
52	1.31	-0.825
15	1.31	-0.773
21	1.30	-0.722
49	1.30	-0.722
21	1.29	-0.618
24	1.27	-0.361
6	1.25	-0.206
6	1.25	-0.206
26	1.25	-0.155
13	1.23	0.000
24	1.23	0.000
Median	1.23	0.000
10	1.22	0.103
266	1.20	0.309
10	1.19	0.412
13	1.19	0.412
30	1.19	0.412
9	1.17	0.618
275	1.17	0.618
275	1.17	0.618
55	1.15	0.825
Std Dev	1.13	1.000
9	1.12	1.185
61	1.08	1.546
61	1.05	1.855
77	0.39	8.658
77	0.37	8.865

102 Other (describe)		
Lab	%	H ₂ O
Median	0.00	0.000

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
77	29.65	-1.269
Std Dev	29.63	-1.000
55	29.56	0.000

Median	29.56	0.000
Std Dev	29.49	1.000
65	29.46	1.411

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
266	29.97	0.000
Median	29.97	0.000

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
45	29.92	-2.318
49	29.92	-2.318
9	29.77	-1.195
Std Dev	29.74	-1.000
45	29.72	-0.869
9	29.70	-0.688
52	29.62	-0.145
92	29.61	-0.072
52	29.60	0.000
61	29.60	0.000
Median	29.60	0.000
92	29.57	0.217
78	29.57	0.254
78	29.52	0.616
26	29.51	0.652
30	29.50	0.724
Std Dev	29.46	1.000
61	29.45	1.086
6	29.37	1.702
60	28.80	5.795

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
10	29.80	-1.254
Std Dev	29.76	-1.000
10	29.75	-0.969
13	29.70	-0.684
15	29.70	-0.656
24	29.62	-0.200
15	29.61	-0.143
24	29.58	0.000
77	29.58	0.000
Median	29.58	0.000

13	29.56	0.114
75	29.46	0.684
21	29.44	0.827
Std Dev	29.40	1.000
75	29.36	1.254
21	29.26	1.853

205 Other(describe)		
Lab	%	P2O5
6	29.58	0.000
Median	29.58	0.000

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	29.90	-1.340	
Std Dev	29.89	-1.000	
Median	29.83	0.000	
Std Dev	29.78	1.000	
77	29.76	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	30.33	0.000	
Median	30.33	0.000	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
49	30.31	-2.729	
9	30.12	-1.177	
Std Dev	30.09	-1.000	
52	30.03	-0.507	
9	30.03	-0.486	
52	30.01	-0.355	
Median	29.97	0.000	
61	29.92	0.355	
26	29.88	0.680	
30	29.86	0.891	
Std Dev	29.84	1.000	
61	29.76	1.623	
6	29.74	1.826	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
10	30.17	-1.120	

Std Dev	30.15	-1.000
10	30.11	-0.800
15	30.09	-0.697
13	30.07	-0.594
15	30.00	-0.201
24	29.98	-0.133
24	29.96	0.000
Median	29.96	0.000
13	29.92	0.230
75	29.87	0.489
21	29.82	0.746
Std Dev	29.77	1.000
75	29.77	1.024
77	29.70	1.410
21	29.64	1.707

215 Other(describe)			
Lab	%	P2O5	dB
6	29.95	0.000	
Median	29.95	0.000	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
55	0.79	-2.552	
Std Dev	0.67	-1.000	
30	0.59	0.000	
Median	0.59	0.000	
60	0.58	0.128	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
15	0.68	-0.328	
15	0.68	-0.310	
6	0.67	-0.272	
266	0.66	-0.253	
78	0.66	-0.235	
61	0.65	-0.216	
78	0.65	-0.197	
75	0.64	-0.195	
75	0.64	-0.190	
45	0.63	-0.141	
45	0.62	-0.103	
61	0.60	-0.028	
275	0.60	-0.028	

24	0.60	-0.009
Median	0.59	0.000
24	0.59	0.009
92	0.58	0.047
92	0.57	0.084
52	0.55	0.152
52	0.51	0.298
Std Dev	0.33	1.000
9	0.29	1.135
10	0.29	1.135
10	0.28	1.173
49	0.28	1.173
21	0.28	1.192
21	0.28	1.192
9	0.27	1.210
13	0.27	1.210
13	0.27	1.229

303 Other(describe)		
Lab	%	Fe2O3
65	0.68	-0.136
77	0.67	0.000
77	0.67	0.000
Median	0.67	0.000
Std Dev	0.60	1.000
6	0.29	5.224

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	0.68	-1.340
Std Dev	0.65	-1.000
Median	0.55	0.000
Std Dev	0.44	1.000
55	0.41	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	0.46	-3.966
52	0.43	-3.095
78	0.41	-2.291
78	0.41	-2.123
61	0.40	-1.788
61	0.39	-1.621
Std Dev	0.37	-1.000

92	0.37	-0.951
92	0.37	-0.951
9	0.37	-0.783
45	0.36	-0.616
49	0.36	-0.616
275	0.36	-0.616
45	0.35	-0.281
75	0.34	-0.054
Median	0.34	0.000
24	0.34	0.054
24	0.34	0.054
15	0.34	0.222
9	0.34	0.222
52	0.33	0.322
10	0.33	0.389
10	0.33	0.389
15	0.33	0.389
75	0.33	0.519
6	0.33	0.557
Std Dev	0.31	1.000
13	0.31	1.227
13	0.30	1.394
21	0.29	1.729
21	0.28	2.064

403 Other(describe)		
Lab	%	Al2O3
65	0.44	-2.062
Std Dev	0.41	-1.000
77	0.39	0.000
77	0.39	0.000
Median	0.39	0.000
Std Dev	0.37	1.000
6	0.31	3.298

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.67	-1.340
Std Dev	0.66	-1.000
30	0.63	0.000
Median	0.63	0.000
Std Dev	0.60	1.000
60	0.59	1.340

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
61	0.64	-1.340
15	0.63	-1.117
21	0.63	-1.117
Std Dev	0.63	-1.000
15	0.63	-0.893
21	0.63	-0.893
10	0.62	-0.670
10	0.62	-0.670
78	0.62	-0.670
6	0.61	-0.223
9	0.61	-0.223
13	0.61	-0.223
49	0.61	-0.223
78	0.61	-0.223
266	0.61	-0.223
Median	0.61	0.000
9	0.60	0.223
13	0.60	0.223
24	0.60	0.223
275	0.60	0.223
24	0.60	0.447
61	0.60	0.447
45	0.59	0.670
45	0.59	0.670
92	0.59	0.670
Std Dev	0.58	1.000
92	0.58	1.117
75	0.55	2.292
75	0.54	2.829
52	0.53	3.261
52	0.53	3.350

503 Other(describe)		
Lab	%	MgO
77	0.86	-1.263
Std Dev	0.83	-1.000
77	0.77	-0.574
Median	0.70	0.000
65	0.62	0.574
6	0.61	0.651

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
15	2.56	-1.084
Std Dev	2.53	-1.000
15	2.53	-0.999
45	2.28	-0.402
10	2.23	-0.280
49	2.20	-0.207
52	2.20	-0.207
10	2.18	-0.158
13	2.17	-0.134
9	2.16	-0.097
9	2.15	-0.073
Median	2.12	0.000
13	2.09	0.073
21	1.86	0.633
21	1.84	0.682
Std Dev	1.70	1.000
24	1.66	1.121
6	1.65	1.133
26	1.65	1.133
30	1.60	1.255
24	1.59	1.279
55	1.55	1.377
45	1.50	1.498

602 Other(describe)		
Lab	%	Al
6	2.21	-1.340
Std Dev	2.19	-1.000
Median	2.13	0.000
Std Dev	2.07	1.000
266	2.05	1.340

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
24	7.03	-1.451
24	6.94	-1.229
Std Dev	6.85	-1.000
49	6.78	-0.811
77	6.77	-0.784
30	6.63	-0.418
9	6.50	-0.078
9	6.50	-0.078

6	6.47	0.000
6	6.47	0.000
Median	6.47	0.000
15	6.26	0.549
15	6.24	0.614
13	6.16	0.824
13	6.15	0.850
21	6.09	0.994
21	6.09	0.994
Std Dev	6.09	1.000
55	5.84	1.647

652 Other(describe)		
Lab	%	CO2
78	10.45	-1.956
78	9.70	-1.510
Std Dev	8.84	-1.000
275	7.21	-0.027
Median	7.17	0.000
275	7.12	0.027
65	6.73	0.259
266	5.76	0.837

701 Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO
Median	0.00	0.000

702 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO
92	50.35	-2.792
61	50.25	-2.658
78	49.84	-2.104
92	49.60	-1.790
61	49.10	-1.122
Std Dev	49.01	-1.000
13	48.80	-0.715
13	48.72	-0.614
78	48.46	-0.260
9	48.33	-0.087
10	48.32	-0.080
Median	48.26	0.000
10	48.20	0.080
9	48.16	0.134
49	48.09	0.227

21	48.02	0.327
21	47.92	0.454
75	47.71	0.732
6	47.56	0.942
Std Dev	47.51	1.000
75	47.35	1.218
45	46.25	2.685
45	45.99	3.032

703 Ceric Sulfate volumetric-AFPC IX.12.B		
Lab	%	CaO
Median	0.00	0.000

704 Permanganate		
Lab	%	CaO
30	48.68	-1.340
Std Dev	48.58	-1.000
Median	48.29	0.000
Std Dev	48.00	1.000
60	47.90	1.340

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
266	48.72	0.000
Median	48.72	0.000

706 Other(describe)		
Lab	%	CaO
55	49.86	-2.709
Std Dev	48.99	-1.000
77	48.60	-0.245
77	48.60	-0.245
24	48.60	-0.235
24	48.48	0.000
Median	48.48	0.000
15	47.98	0.978
Std Dev	47.96	1.000
15	47.92	1.095
6	47.87	1.184
65	47.01	2.866

711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB
Median	0.00	0.000	

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
61	50.78		-4.278
61	49.64		-1.858
13	49.40		-1.365
13	49.31		-1.163
Std Dev	49.23		-1.000
10	48.92		-0.341
9	48.87		-0.242
10	48.78		-0.053
Median	48.76		0.000
9	48.73		0.053
49	48.72		0.067
21	48.64		0.238
21	48.55		0.431
75	48.37		0.803
Std Dev	48.28		1.000
6	48.16		1.262
75	48.00		1.586

713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
Median	0.00		0.000

714 Permanganate			
Lab	%	CaO	dB
30	49.27		0.000
Median	49.27		0.000

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	49.31		0.000
Median	49.31		0.000

716 Other(describe)			
Lab	%	CaO	dB
55	50.44		-4.205
24	49.20		-1.054
Std Dev	49.18		-1.000
24	49.10		-0.789
77	48.79		-0.012
Median	48.79		0.000
77	48.78		0.012

15	48.61	0.447
15	48.55	0.596
6	48.48	0.786

801 Volumetric-AFPC IX.14.A		
Lab	%	Fluorine, F
Median	0.00	0.000

802 Specific Ion Electrode-AFPC IX.14.B		
Lab	%	Fluorine, F
21	3.91	-3.974
21	3.83	-3.234
266	3.76	-2.588
15	3.70	-2.033
15	3.70	-1.987
Std Dev	3.59	-1.000
13	3.56	-0.739
13	3.52	-0.323
24	3.51	-0.231
26	3.50	-0.139
30	3.49	-0.092
24	3.48	0.000
Median	3.48	0.000
75	3.46	0.185
52	3.45	0.277
49	3.43	0.462
6	3.42	0.601
6	3.42	0.601
52	3.40	0.739
9	3.39	0.878
75	3.39	0.878
Std Dev	3.37	1.000
9	3.36	1.155
55	3.02	4.251

803 Other(describe)		
Lab	%	Fluorine, F
77	3.78	-0.435
77	3.72	0.000
Median	3.72	0.000
Std Dev	3.58	1.000
65	3.41	2.245

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
55	9.7	0.000
Median	9.7	0.000

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
61	20.7	-2.714
6	19.9	-2.178
78	18.4	-1.173
Std Dev	18.1	-1.000
266	17.6	-0.670
24	17.2	-0.368
77	16.6	0.000
Median	16.6	0.000
24	16.4	0.134
61	16.0	0.402
78	16.0	0.436
Std Dev	15.1	1.000
52	12.3	2.881
52	11.6	3.350

913 Other(describe)		
Lab	ppm	Arsenic, As
13	16.7	0.000
Median	16.7	0.000
77	16.7	0.000

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	30	0.000
Median	30	0.000

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
78	40	-2.335
78	40	-1.997
61	39	-1.039
Std Dev	38	-1.000
61	38	-0.670
75	38	-0.670
75	38	-0.335
266	38	-0.335
77	37	0.000

77	37	0.000
Median	37	0.000
52	37	0.134
52	37	0.335
6	36	0.402
45	36	0.670
45	36	0.670
Std Dev	36	1.000
24	35	1.106
24	34	2.178
275	32	3.216

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	35	-1.340
Std Dev	30	-1.000
Median	17	0.000
Std Dev	4	1.000
65	0	1.340

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
55	1	0.000
Median	1	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	8	-2.200
78	7	-2.000
24	6	-1.460
24	5	-1.340
266	5	-1.280
Std Dev	5	-1.000
45	2	0.000
45	2	0.000
75	2	0.000
77	2	0.000
77	2	0.000
Median	2	0.000
61	2	0.040
61	2	0.082
75	1	0.400

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	6	0.000
Median	6	0.000

941 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Mercury, Hg
Median	0.0	0.000

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
266	0.1	-1.340
Std Dev	0.1	-1.000
Median	0.1	0.000
Std Dev	0.1	1.000
275	0.1	1.340

943 Other(describe)		
Lab	ppm	Mercury, Hg
52	0.1	-1.340
Std Dev	0.1	-1.000
Median	0.1	0.000
Std Dev	0.0	1.000
13	0.0	1.340

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Molybdenum, Mo
55	9	0.000
Median	9	0.000

952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Molybdenum, Mo
45	11	-4.153
45	10	-2.757
266	9	-1.403
Std Dev	9	-1.000
78	8	-0.384
24	8	-0.035
Median	8	0.000
77	8	0.035
77	8	0.035
78	8	0.244
24	8	0.384
Std Dev	7	1.000

275 7 1.012

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	9	0.000
Median	9	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	21	0.000
Median	21	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
52	27	-4.806
52	25	-3.549
266	24	-2.883
Std Dev	21	-1.000
75	21	-0.739
6	21	-0.554
75	21	-0.370
61	20	-0.185
61	20	0.000
77	20	0.000
78	20	0.000
78	20	0.000
Median	20	0.000
45	19	0.739
45	19	0.739
77	19	0.739
Std Dev	19	1.000
24	19	1.035
24	19	1.109

963 Other(describe)		
Lab	ppm	Nickel, Ni
13	22	0.000
Median	22	0.000

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	8	0.000
Median	8	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
61	19	-4.215
275	7	-1.165
266	6	-1.093
6	6	-1.091
Std Dev	6	-1.000
61	6	-0.998
77	2	0.000
Median	2	0.000
77	1	0.248
78	1	0.248
78	1	0.248
24	0	0.496
24	0	0.496

973 Other(describe)		
Lab	ppm	Lead, Pb
13	3	0.000
Median	3	0.000

981 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se
55	10	0.000
Median	10	0.000

982 ICP-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
266	6	-2.568
Std Dev	4	-1.000
77	3	0.000
Median	3	0.000
77	3	0.112

983 Other(describe)		
Lab	ppm	Selenium, Se
13	5	0.000
Median	5	0.000

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
55	417	-1.340
Std Dev	409	-1.000
Median	384	0.000

Std Dev	359	1.000
60	351	1.340

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	336	-0.773
24	332	-0.626
75	332	-0.606
61	327	-0.430
52	326	-0.391
78	324	-0.293
78	321	-0.196
52	316	0.000
61	316	0.000
Median	316	0.000
266	314	0.078
75	308	0.333
77	295	0.822
Std Dev	290	1.000
77	283	1.291
45	277	1.526
45	276	1.565
275	269	1.854

993 Other(describe)		
Lab	ppm	Zinc, Zn
13	285	0.000
Median	285	0.000